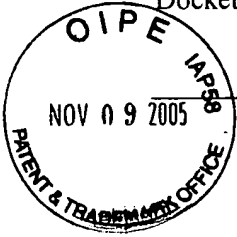


Docket No.: TOYA114.008APC

November 4, 2005

Page 1 of 1

Please Direct All Correspondence to Customer Number 20995



**TRANSMITTAL LETTER**  
**INFORMATION DISCLOSURE STATEMENT**

Applicant : Hirai  
App. No : 10/553,576  
Filed : October 17, 2005  
For : METHOD OF DETECTING OR  
QUANTITATIVELY DETERMINING  
MITOCHONDRIAL DNA 3243  
VARIATION, AND KIT THEREFOR  
Examiner : Unknown  
Art Unit : Unknown

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

November 7, 2005

(Date)

*Che S. Chereskin*

Che Swyden Chereskin, Ph.D., Reg. No. 41,466

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
- (X) Listing 9 references.
  - (X) Enclosing 8 references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

*Che S. Chereskin*

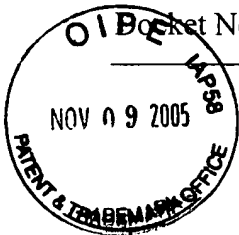
Che Swyden Chereskin, Ph.D.

Registration No. 41,466

Agent of Record

Customer No. 20,995

(949) 760-0404



## INFORMATION DISCLOSURE STATEMENT

Applicant : Hirai  
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VARIATION, AND KIT THEREFOR  
Examiner : Unknown  
Art Unit : Unknown

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is a PTO/SB/08 Equivalent listing 9 references to be considered by the Examiner. Also enclosed are 8 foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed within three months of the filing date of the application and no fee is required.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: Nov. 7, 2005

By: Che S Chereskin

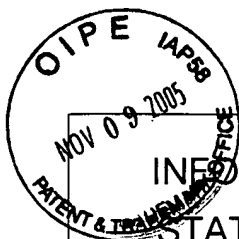
Che Swyden Chereskin, Ph.D.

Registration No. 41,466

Agent of Record

Customer No. 20,995

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 1 OF 1

Application No.	10/553,576
Filing Date	October 17, 2005
First Named Inventor	Hirai
Art Unit	Unknown
Examiner	Unknown
Attorney Docket No.	TOYA114.008APC

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		2002/0106653 A1	08/08/02	Kurane, et al.	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
		JP 11-221077	08/17/99	Otsuka Pharmaceut Co Ltd		1 <sup>st</sup> page

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
		Loeffler, et al. "Rapid Detection of Point Mutations by Fluorescence Resonance Energy Transfer and Probe Melting Curves in <i>Candida</i> Species," <i>Clinical Chemistry</i> , Vol. 46, No. 5, pp. 631-635, 2000.	
		Nakamura, et al. "Detection of mit DNA Point Mutations by Mutation-Specific PCR," <i>Nippon Rinsho</i> , Vol. 55, No. 12, pp. 3277-3281, December, 1997.	
		Odawara, et al. "Selection of Primers for Detection of A to G Mutation at Nucleotide 3243 of the Mitochondrial Gene," <i>Diabetologia</i> , Vol. 38, No. 3, pp. 377-378, 1995.	
		Seibel, et al. "A Rapid and Sensitive PCR Screening Method for Point Mutations Associated with Mitochondrial Encephalomyopathies," <i>Biochemical and Biophysical Research Communications</i> , Vol. 200, No. 2, pp. 938-942, April 29, 1994.	
		Tsukuda, et al. "Screening of Patients with Maternally Transmitted Diabetes for Mitochondrial Gene Mutations in the tRNA <sup>leu(UUR)</sup> Region," <i>Diabetic Medicine</i> , Vol. 14, pp. 1032-1037, 1997.	
		Zhang, et al. "Occurrence of a Particular Base Substitution (3243 A to G) in Mitochondrial DNA of Tissues of Ageing Humans," <i>Biochemical and Biophysical Research Communications</i> , Vol. 195, No. 2, pp. 1104-1110, September 15, 1993.	
		International Search Report dated July 2, 2004.	

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102005

Examiner Signature

Date Considered

\***Examiner:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.